

Section 1634

Remove temporary rock silt checks as the project nears completion. The actual time of removal will be as directed. After removal of silt checks, dress the area to blend with existing contours and seed and mulch the area in accordance with Section 1660.

1633-5 MEASUREMENT AND PAYMENT

Payment for temporary rock silt checks will be as follows:

Stone for Erosion Control, Class ____ will be measured and paid in accordance with Section 1610.

Sediment Control Stone will be measured and paid in accordance with Section 1610.

Silt Excavation will be measured and paid in accordance with Section 1630.

SECTION 1634

TEMPORARY ROCK SEDIMENT DAMS

1634-1 DESCRIPTION

Construct, maintain and remove devices placed in ditches, diversions, swales or drainage turnouts to reduce water velocity and contain sediment.

The actual conditions which occur during the construction of the project will determine the quantity of temporary rock sediment dams constructed. The quantity of rock sediment dams may be increased, decreased or eliminated entirely as directed. Such variations in quantity will not be considered as alterations in the details of construction or a change in the character of the work.

1634-2 MATERIALS

Refer to Division 10.

Item	Section
Sediment Control Stone, Standard Size No. 5 or 57	1005
Stone for Erosion Control, Class A or Class B	1042-1
Coir Fiber Mat	1060-14

1634-3 CONSTRUCTION METHODS

Install coir fiber baffles on the upstream side of each type of dam in accordance with Section 1640 and as directed.

(A) Type A

Place structural stone in the channel, ditch diversion, swale or drainage turnouts with 2:1 side slope on the upstream side and 3:1 side slope on the downstream side. Plate the upstream side with sediment control stone approximately 12" thick. Use a minimum spacing of 15 ft and as directed for the coir fiber baffles.

Provide a weir section approximately 2/3 of the channel width and with an 8 ft maximum height from the bottom of the channel. In the center of the device, place the weir section approximately 12" lower than the sides of the device or the top of the channel, whichever is lower.

(B) Type B

Place structural stone in the channel, ditch diversion, swale or drainage turnouts with 2:1 side slopes and plate the upstream side with sediment control stone approximately 12" thick.

1 In the center of the device, provide a weir section with a 4 ft minimum width constructed
 2 18" lower than the sides of the device or the top of the channel, whichever is lower.
 3 Construct the temporary rock sediment dam Type B with a 5 ft minimum thickness
 4 measured along the top of the dam structure.

5 Use earthen backfill material to extend dam width and create a larger sediment storage
 6 volume for the temporary rock sediment dam Type B where needed.

7 **1634-4 MAINTENANCE AND REMOVAL**

8 Maintain the temporary rock sediment dams, remove and dispose of silt accumulations at the
 9 sediment dams when so directed.

10 Remove temporary rock sediment dams as the project nears completion, or at such time as the
 11 Engineer deems the device to be no longer useful. The Engineer will direct the actual time of
 12 removal. Prepare seed bed, seed and mulch the area in accordance with Section 1660.

13 **1634-5 MEASUREMENT AND PAYMENT**

14 Payment for temporary rock sediment dams will be made as follows:

15 *Coir Fiber Baffle* will be measured and paid in accordance with Section 1640.

16 *Stone for Erosion Control, Class ____* will be measured and paid in accordance with
 17 Section 1610.

18 *Sediment Control Stone* will be measured and paid in accordance with Section 1610.

19 *Silt Excavation* will be measured and paid in accordance with Section 1630.

20 **SECTION 1635** 21 **ROCK PIPE INLET SEDIMENT TRAP**

22 **1635-1 DESCRIPTION**

23 Construct, maintain and remove devices placed around outside perimeters of pipe structures,
 24 to reduce water velocity and trap sediment.

25 The conditions which occur during the construction of the project will determine the quantity
 26 of temporary rock pipe inlet sediment traps to be constructed. The quantity of inlet sediment
 27 traps may be increased, decreased or eliminated entirely as directed. Such variations in
 28 quantity will not be considered as alterations in the details of construction or a change in the
 29 character of the work.

30 **1635-2 MATERIALS**

31 Refer to Division 10.

Item	Section
Sediment Control Stone, Standard Size No. 5 or 57	1005
Stone for Erosion Control, Class A or Class B	1042-1

32 **1635-3 CONSTRUCTION METHODS**

33 **(A) Type A**

34 Construct rock pipe inlet sediment trap Type A devices at locations shown in the plans or
 35 as directed.

36 **(B) Type B**

37 Construct rock pipe inlet sediment trap Type B devices at locations shown in the plans or
 38 as directed.